

### **WHAT IS CLAIMED IS:**

1. An optical fiber connector, comprising:

two connecting seats each having a first side formed with a plane and  
a second side integrally formed with at least one insertion hole extended to the  
5 plane of the first side; and

at least one connecting tube mounted between the connecting seats  
and having two ends each inserted into the insertion hole of a respective one of  
the connecting seats.

2. The optical fiber connector in accordance with claim 1, wherein  
10 the planes of the two connecting seats abut each other.

3. The optical fiber connector in accordance with claim 1, wherein  
the second side of each of the connecting seats is integrally formed with at least  
one extension portion extended outward therefrom.

4. The optical fiber connector in accordance with claim 3, wherein  
15 the extension portion of each of the connecting seats has a center integrally  
formed with the insertion hole.

5. The optical fiber connector in accordance with claim 1, wherein  
the insertion hole of each of the connecting seats is vertical to the plane of the  
first side.

20 6. The optical fiber connector in accordance with claim 1, wherein  
each of the connecting seats has a periphery formed with a plurality of  
positioning holes.

7. The optical fiber connector in accordance with claim 1, wherein the connecting tube is a straight tube.

8. The optical fiber connector in accordance with claim 1, wherein the insertion holes of the connecting seats have the same diameter.

5 9. The optical fiber connector in accordance with claim 1, wherein the insertion holes of the connecting seats have different diameters.

10. The optical fiber connector in accordance with claim 1, wherein the connecting tube has a first connecting end and a second connecting end having different diameters.

10 11. The optical fiber connector in accordance with claim 1, wherein the first connecting end and the second connecting end of the connecting tube are co-axial with each other.

12. The optical fiber connector in accordance with claim 1, wherein the second side of one of the connecting seats is integrally formed with two  
15 insertion holes having different diameters.

13. The optical fiber connector in accordance with claim 1, further comprising an insertion member inserted into a first one of the connecting seats, wherein the connecting tube is mounted between a second one of the connecting seats and the insertion member.

20 14. The optical fiber connector in accordance with claim 13, wherein the first connecting seat has an inside formed with a receiving recess for receiving the insertion member.

15. The optical fiber connector in accordance with claim 13, wherein the insertion member has a center integrally formed with an insertion hole for insertion of an end of the connecting tube.

16. The optical fiber connector in accordance with claim 15, wherein  
5 the insertion hole of the second connecting seat and the insertion hole of the insertion member have different diameters.

17. The optical fiber connector in accordance with claim 15, wherein the insertion hole of the second connecting seat and the insertion hole of the insertion member have the same diameter.

10 18. The optical fiber connector in accordance with claim 3, wherein the extension portion of each of the connecting seats is formed with an outer thread.